

**CLAIMS:**

What is claimed is:

- 5 1. A method in a data processing system for managing confidential information in a graphical user interface, the method comprising:
- presenting confidential information within a history generated by a browser in the graphical user interface to
- 10 form a presentation;
- receiving a user input; and
- manipulating the confidential information using the user input.
- 15 2. The method of claim 1 further comprising:
- receiving a selection of the confidential information for presentation.
3. The method of claim 1, wherein the presentation is
- 20 in a form of a set of thumbnails, wherein each thumbnail represents a Web page containing a portion of the confidential information.
4. The method of claim 3 further comprising:
- 25 responsive to a selection of a particular thumbnail from the set of thumbnails, displaying a Web page associated with the particular thumbnail.
5. The method of claim 1, wherein the presentation is
- 30 in a form a of tree and wherein the confidential information presented as nodes in the tree.

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6. The method of claim 5, wherein each node within the nodes represents an object containing a portion of the confidential information.

5 7. The method of claim 6, wherein the object includes at least one of a Web page and a cookie.

8. The method of claim 1, wherein the confidential information includes at least one of a phone number, a  
10 credit card number, a social security number, an address of a user, a user identification, a password, and a personal identification number.

9. The method of claim 2, wherein the receiving step  
15 comprises:  
receiving the selection of information as a user input.

10. The method of claim 1, wherein the history includes  
20 a cookie file, a cache for storing data associated with Web pages, a location list, and a history list.

11. The method of claim 1, wherein the user input is to delete a selected portion of the confidential  
25 information.

12. The method of claim 11, wherein the selected portion is all of the confidential information.

30 13. A data processing system comprising:  
a bus system;  
a communications unit connected to the bus system;

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a memory connected to the bus system, wherein the memory includes a set of instructions; and

a processing unit connected to the bus system, wherein the processing unit executes the set of

- 5 instructions to present confidential information within a history generated by a browser in the graphical user interface to form a presentation; receive a user input; and manipulate the confidential information using the user input.

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14. A data processing system for managing confidential information in a graphical user interface, the data processing system comprising:

- 15 presenting means for presenting confidential information within a history generated by a browser in the graphical user interface to form a presentation; receiving means for receiving a user input; and manipulating means for manipulating the confidential information using the user input.

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15. The data processing system of claim 14, wherein the receiving means is a first receiving means and further comprising:

- 25 second receiving means for receiving a selection of the confidential information for presentation.

16. The data processing system of claim 14, wherein the presentation is in a form of a set of thumbnails, wherein each thumbnail represents a Web page containing a portion  
30 of the confidential information.

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17. The data processing system of claim 16 further comprising:

18. The data processing system of claim 14, wherein the presentation is in a form a of tree and wherein the confidential information presented as nodes in the tree.

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20. The data processing system of claim 19 , wherein the object includes at least one of a Web page and a cookie.

25 22. The data processing system of claim 15, wherein the  
second receiving means comprises:

means for receiving the selection of information as a user input.

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23. The data processing system of claim 14, wherein the history includes a cookie file, a cache for storing data associated with Web pages, a location list, and a history list.

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24. The data processing system of claim 14, wherein the user input is to delete a selected portion of the confidential information.

10 25. The data processing system of claim 24, wherein the selected portion is all for the confidential information.

26. A computer program product in a computer readable medium for managing confidential information in a graphical user interface, the computer program product comprising:

15 first instructions for presenting confidential information within a history generated by a browser in the graphical user interface to form a presentation;  
20 second instructions for receiving a user input;  
third instructions for manipulating the confidential information using the user input.

FOR THE UNITED STATES OF AMERICA